

Title (en)  
CONVERTIBLE CHILD RESISTANT CLOSURE FOR A CONTAINER

Publication  
**EP 0112683 B1 19871007 (EN)**

Application  
**EP 83307595 A 19831214**

Priority  
US 45150282 A 19821220

Abstract (en)  
[origin: US4433789A] This disclosure relates to an improved, new convertible child-resistant 2-piece closure comprising an inner cap comprising a circular top panel and integrally attached depending skirt having internal threads for engagement with corresponding external threads surrounding a conventionally threaded container exit neck. A plurality of spaced apart depressions extend downwardly from the top panel of said inner cap. Projecting upwardly and arranged in the same concentric circle of the top panel of said inner cap are a plurality of ratchet lugs, shaped in ramp form. An outer cap is also formed of a circular top panel and integrally attached depending skirt. Integrally formed on the inner side of the outer cap top panel are a plurality of downwardly extending drive lugs positioned in a circle of equal radius as the depression and ratchet lugs on the inner cap top panel. A particular novel feature of the present invention is the provision of a means to convert a child resistant closure into a non-child-resistant closure or to render the closure permanently child resistant. This is accomplished by provision of a means for completely removing the outer cap member for example by providing the depending skirt with an inner vertical groove and an attached removable tab to facilitate splitting of the outer cap and easy removal. Another novel feature of the present invention is the provision of a means providing visible evidence of previous opening or use of the closure. This is accomplished by means of a tear strip attached to the bottom edge of the inner or outer cap member and positioned directly beneath the outer cap member skirt.

IPC 1-7  
**B65D 55/02**

IPC 8 full level  
**B65D 50/04** (2006.01)

CPC (source: EP US)  
**B65D 50/041** (2013.01 - EP US)

Cited by  
EP0631943A3; GB2155447A; EP0609171A1; FR2700752A1; EP0297160A1

Designated contracting state (EPC)  
CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**US 4433789 A 19840228**; DE 3373995 D1 19871112; EP 0112683 A1 19840704; EP 0112683 B1 19871007

DOCDB simple family (application)  
**US 45150282 A 19821220**; DE 3373995 T 19831214; EP 83307595 A 19831214